

CLAIMS

1. A resin member, for a valve, which is produced by molding a molding material having a tensile strength of 80 to 400 MPa at normal temperature.

5        2. A resin member, for a valve, which is produced by molding a molding material having a tensile strength of 80 to 400 MPa at normal temperature and a tensile strength of 75 to 350 MPa at 120°C.

10       3. A resin member, for a valve, which is produced by molding a molding material having a tensile strength of 80 to 400 MPa at normal temperature and a notched Izod impact strength of 15 to 100 KJ/m<sup>2</sup> at -20 to 120°C.

15       4. A resin member, for a valve, which is produced by molding a molding material having a tensile strength of 80 to 400 MPa at normal temperature, a tensile strength of 75 to 350 MPa at 120°C and a notched Izod impact strength of 15 to 100 KJ/m<sup>2</sup> at -20 to 120°C.

20       5. The resin member, for a valve according to any one of claims 1 to 4, which is a case body of a valve drive section.

6. The resin member for a valve according to any one of claims 1 to 4, which is a valve body of a butterfly valve.

25       7. The resin member for a valve according to any one of claims 1 to 4, which is produced by molding a molding material comprising a resin composition containing an epoxy acrylate resin (A) having a hydroxyl value of 60 to 100, a polyisocyanate compound (B) having 0.1 to 1.5 isocyanate groups per one hydroxyl group of  
30       the epoxy acrylate resin (A), a curing agent (C) and an internal mold release agent (D), and 20 to 70% by mass of a fiber reinforcing material (E).

8. The resin member for a valve according to claim 7, which is a case body of a valve drive section.

35       9. The resin member for a valve according to claim 7, which is a valve body of a butterfly valve.

10. The resin member, for a valve according to any one of claims 1 to 4, which is produced by molding a molding material comprising a resin composition containing an epoxy acrylate resin (A) having a hydroxyl value of 60 to 100, a polyisocyanate compound (B) having 0.1 to 1.5 isocyanate groups per one hydroxyl group of the epoxy acrylate resin (A), a curing agent (C) and an internal mold release agent (D), and 20 to 70% by mass of a fiber reinforcing material (E) and 5 to 50 parts by mass of a scaly filler (F) based on 100 parts by mass of the epoxy acrylate resin (A).

11. The resin member for a valve according to claim 10, which is a case body of a valve drive section.

12. The resin member for a valve according to claim 10, which is a valve body of a butterfly valve.

13. The resin member for a valve according to any one of claims 1 to 4, which is produced by molding a sheet- or bulk-shaped molding material comprising a resin composition containing an epoxy acrylate resin (A) having a hydroxyl value of 60 to 100, a polyisocyanate compound (B) having 0.1 to 1.5 isocyanate groups per one hydroxyl group of the epoxy acrylate resin (A), a curing agent (C) and an internal mold release agent (D), and 20 to 70% by mass of a fiber reinforcing material (E).

14. The resin member for a valve according to claim 13, which is a case body of a valve drive section.

15. The resin member for a valve according to claim 13, which is a valve body of a butterfly valve.

16. The resin member for a valve according to any one of claims 1 to 4, which is produced by molding a sheet- or bulk-shaped molding material comprising a resin composition containing an epoxy acrylate resin (A) having a hydroxyl value of 60 to 100, a polyisocyanate compound (B) having 0.1 to 1.5 isocyanate groups per one hydroxyl group of the epoxy acrylate resin (A), a curing agent (C) and an internal mold release agent (D), and 20 to 70% by mass of a fiber reinforcing material (E) and 5 to 50

parts by mass of a scaly filler (F) based on 100 parts by mass of the epoxy acrylate resin (A).

17. The resin member for a valve according to claim 16, which is a case body of a valve drive section.

5        18. The resin member for a valve according to claim 16, which is a valve body of a butterfly valve.